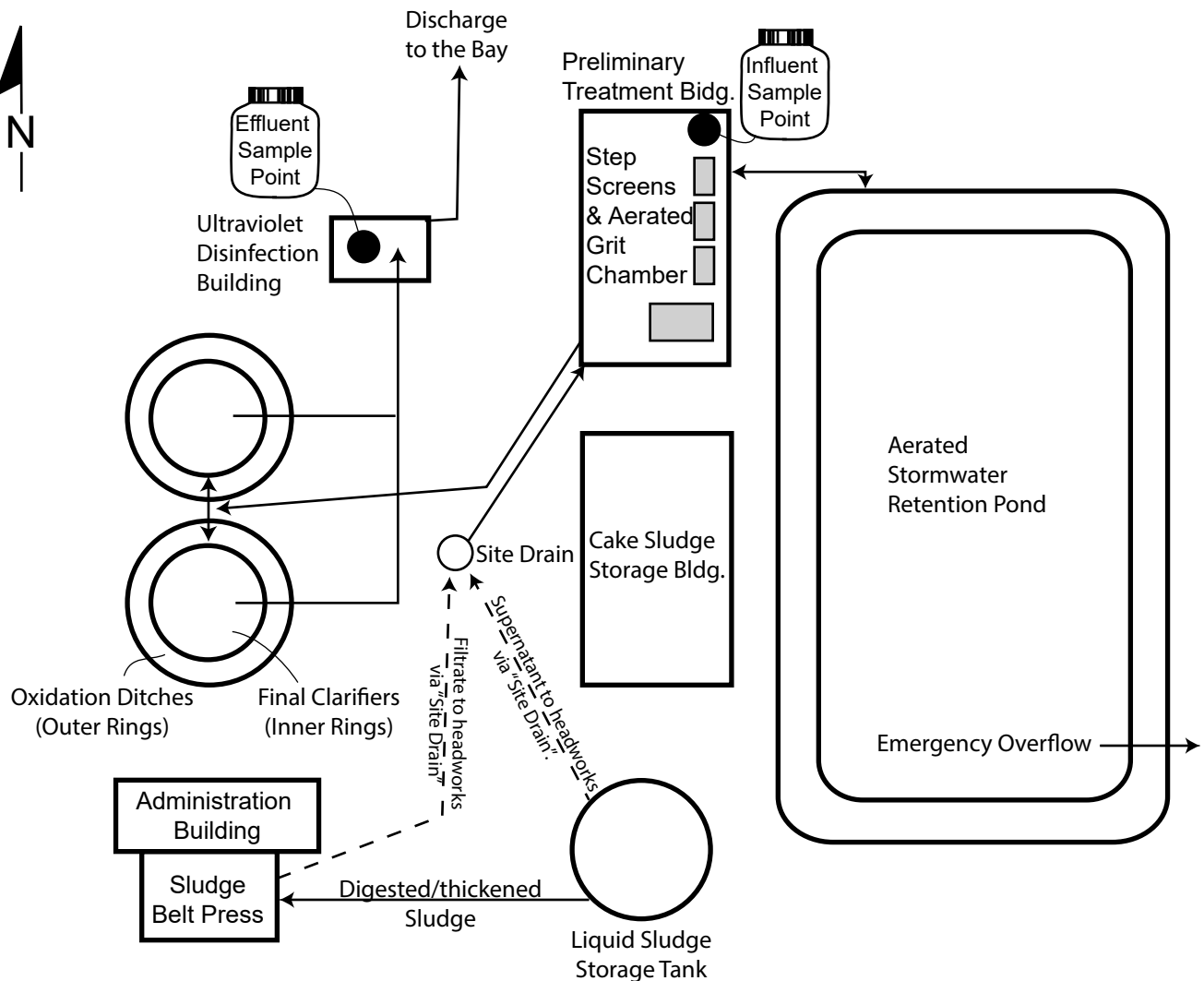


City of Ashland Wastewater Treatment Plant

The Ashland wastewater facility treatment units include: step screens and a cyclone grit separator and classifier, two oxidation ditches operated in parallel, final clarifiers, and ultraviolet disinfection. Effluent is discharged to Chequamegon Bay of Lake Superior. Sludge is treated aerobically in the oxidation ditches and storage tank prior to thickening in the belt press. Cake and liquid sludge are spread as a soil conditioner on approved cropland. There is also a stormwater retention basin at the facility, where peak wastewater flows can be collected (during storm events) and stored for treatment during normal flow conditions. The diagram below shows the treatment units and sampling locations.



● Represents sample locations
NOT TO SCALE

Flow: 1.92 MGD (average)
3.2 MGD (wet weather)
BOD: 3,500 pounds/day
Construction year: 1992